

D. Johnson
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Docket No. 235.0017 0101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ted CLARK et al.)
Serial No.: 09/497,967)
Filed: 4 February 2000)
For: DIAGNOSTIC AND PROTECTIVE ANTIGEN GENE SEQUENCES OF
ICHTHYOPHTHIRIUS)

Group Art Unit: 1646
Examiner: Unassigned

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington D.C. 20231

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

The Examiner's attention is further directed to copending application 09/498,612, entitled "Recombinant Expression of Heterologous Nucleic Acids in Protozoa," which was filed on the same day (February 4, 2000) as the above-identified patent application, as possibly being of interest with respect thereto.

Also, in connection with his or her consideration of the documents listed on the accompanying 1449 forms, Applicants request that the Examiner note that the above-identified patent application claims priority to the following U.S. provisional applications:

U.S. Provisional Application 60/118,634, filed February 4, 1999, entitled "Diagnostic and Protective Antigen Gene Sequences";

U.S. Provisional Application 60/122,372, filed March 2, 1999, entitled "Diagnostic and Protective Antigen Gene Sequences of *Ichthyophthirius*";

U.S. Provisional Application 60/124,905, filed March 17, 1999, entitled "Diagnostic and Protective Antigen Gene Sequences of *Ichthyophthirius*"; and

U.S. Provisional Application 60/131,121, filed April 27, 1999, entitled "Expression of Heterologous Nucleic Acids in *Tetrahymena*".

Information Disclosure Statement

Applicant(s): Ted CLARK et al.

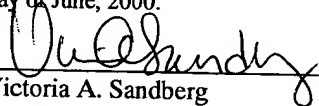
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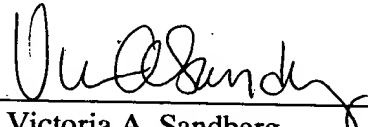
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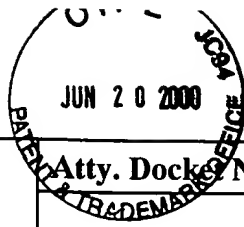
Consideration of each of the documents listed on the attached 1449 forms is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 forms, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

<p>CERTIFICATE UNDER 37 C.F.R. 1.8:</p> <p>The undersigned hereby certifies that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on this <u>16th</u> day of June, 2000.</p> <p> Victoria A. Sandberg</p>
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16 June 2000
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**INFORMATION
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	4,309,416	01/05/82	Gratzek et al.			
	5,661,032	08/26/97	Miller et al.			
	5,695,965	12/09/97	Stuart et al.			
	5,780,448	04/17/98	Davis			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	SubClass	Translation	
						Yes	No
	WO 81/00812	04/02/81	PCT				
	WO 90/14428	11/29/90	PCT				
	WO 98/01572	01/15/98	PCT (with English language abstract)				

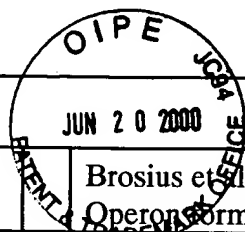
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

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	Berg et al., "The Galvanization of Biology: A Growing Appreciation for the Roles of Zinc," <u>Science</u> , 271:1081-1085 (1996).
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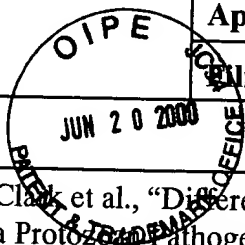
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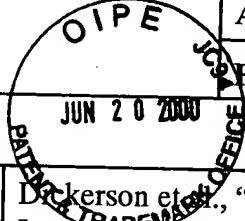
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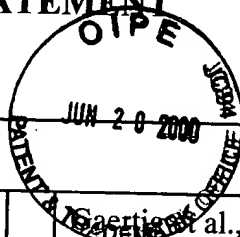
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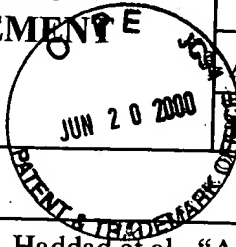
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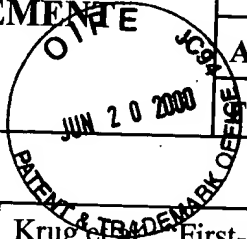
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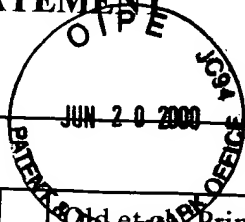
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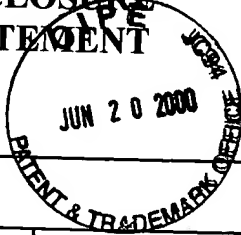
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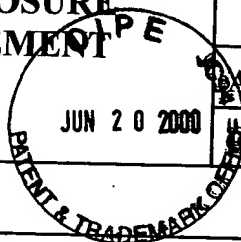
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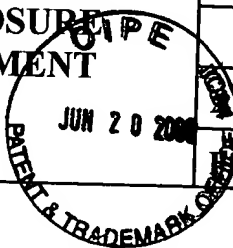
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